



Other Characteristics

Type of Cell	: Mono / Multi Crystalline Silicon
Front Face	: Tempered Glass (Low Iron)
Encapsulate	: Ethylene Vinyl Acetate
Frame	: Anodized Aluminium
Junction Box	: Weather Proof Nylon 6
Temp. Coefficients	: Voltage -0.123 V / °K Current +4.4 mA / °K Power -0.47% / °K
NOCT	: 47+/-2 °C



Electrical Characteristics *

WS-140

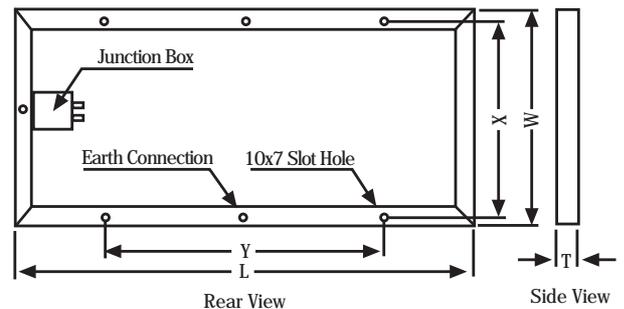
Power (Pm) in Watts (nominal)	140
Open Circuit Voltage (Voc) in Volts	21.7
Short Circuit Current (Isc) in Amps	9.5
Voltage at Maximum Power (Vmp) in Volts	17
Current at Maximum Power (Imp) in Amps	8.26
Maximum System Voltage	1000V

Physical Parameters (Refer drawing below)

Solar Cells per Module (Units)	36
Length x Width x Thickness (L x W x T) mm	1490 x 655 x 35
Weight - Kg	12
Mounting Holes Pitch (Y) - mm	900
Mounting Holes Pitch (X) - mm	611
Area - Sq. M	0.98
Junction Box	4 T & 2 diodes

Mounting Details

All dimensions in mm and tolerances ± 2 mm



* Measurement Tolerance on Power $\pm 5\%$.

All electrical parameters specified at STC :25°C cell temperature; 100mW / cm² irradiance; AM 1.5

- Certifications: IEC 61215 / IEC 61730 - 1 / IEC 61730 - 2 / TUV Safety Class II
- The Standard range of modules is supplied without diodes. However, diodes can be provided on specific customer request at extra cost.
- All modules of 120Wp and above are supplied with screw-less hollow section frames.
- Due to constant product modifications, SOLEN reserves the right to amend the above specifications without prior notice.
- Warranty : Up to 25 Years Limited Extended Warranty